

## Summary

The present invention relates to an apparatus in a telecommunication system for providing access to telecommunication services to subscribers at user terminals each of which being separately connected to at least one access point via high speed modems and a communication network the at least one access point comprising high speed modems with filters. By means of the invention, switching can be performed from a broadband connection to a narrowband connection if necessary to guarantee at least one connection.

(Fig 3 for publication)